

ABSTRACT OF THE DISCLOSURE

A semiconductor device, in which four pieces of strip-shaped electrodes, whose longitudinal directions are 5 the same, are formed in each layer of a plurality of wiring layers that are provided by a same design rule with each other, simultaneously with regular wirings. In each wiring layer, two pieces each of first electrode and second electrode are formed parallelly with each other, alternately, 10 and remote from each other. Then, the first electrodes formed in each layer are connected to each other by a first via, the second electrodes formed in each layer are connected to each other by a second via, a first structure body formed by connecting the first electrodes and the first 15 via to each other is connected to a ground wiring, and a second structure body formed by connecting the second electrodes and the second via to each other is connected to a power source wiring.